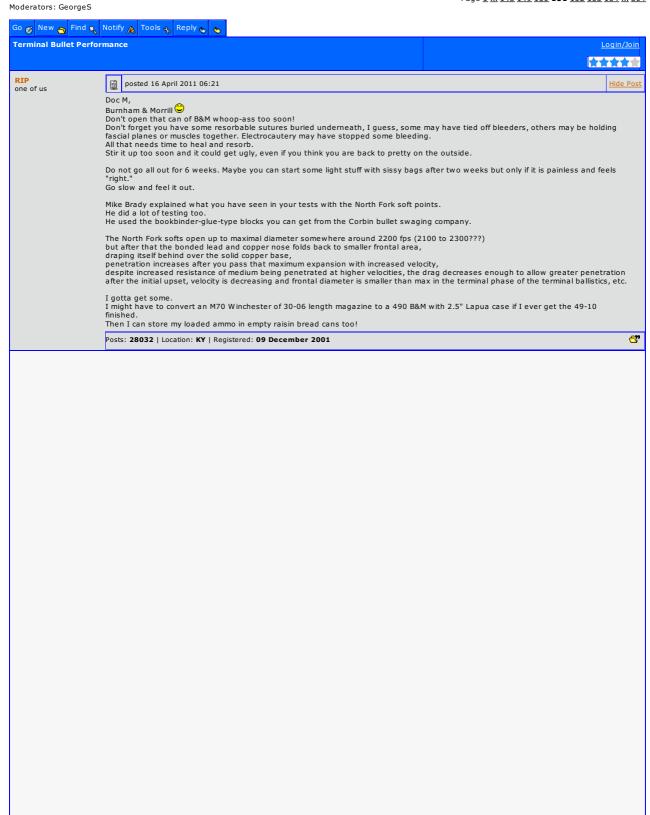
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Performance

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posted 16 April 2011 16:08

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auote:

So in the Non Con's is Brass the best for all game or is there a place where pure Copper is better?

Mighty fine question, of which I really have no definitive answer for you! I think we are going to learn a lot when we go to the field this season. I can tell you what I think, and what I like right now about what I see with the brass NonCons. Up front, that shearing of blades, seems to inflict a great deal of trauma to target. While the blades are not heavy enough to propel themselves, they slice their way through medium and tissue. On broadside deer Sam has had complete pass through, exits of the blades themselves! That was unexpected, and tells me that on animals such as buffalo, these blades will tear through vital organ tissue as separate tiny projectiles, this obviously has to have an effect. All the while the remaining solid continues to penetrate, far beyond even the very best premium conventional bullet. Like a broken beer bottle tearing, ripping, pushing it's way through tissue that would not have been touched by a conventional bullet. I ask myself, where is the downside of this? I can find no downside to any of this.

The brass noncons like velocity, more velocity, more everything else. At first I was thinking these are the "Miracle Bullets" for EVERYTHING. But I am not so sure, I think it depends on the cartridge you are using, and the velocity it is able to churn up. Right now I am fairly convinced, until proven otherwise, that a cartridge that is able to give impact velocity of 2000 fps or better, the NonCon is going to be king of the hill. As this impact velocity bleeds off, even with shear effect, I am not so sure? As we have mentioned above about one of my cartridges, 50 B&M Alaskan for the lever guns. I think the new North Fork 450 gr Bonded bullet is going to be a hammer for this rifle/cartridge combo. Would a lighter 350 gr brass NonCon transfer as much trauma? More? Less? I can get a 350 well over 2100 fps or more and I believe I can take the 450 North Fork up to 2000 fps at the muzzle. At these lower velocities, I can't say right now? Penetration of the two will be very close I think, trauma inflicted?

Copper is a more malleable than brass of course. While we have learned how to make the copper shear like the brass at lower velocity, blades or petals like on the Barnes X bullets have been annealed and are even more malleable than the bullets obtained from Lehigh blades or petals like on the Barnes X bullets have been annealed and are even more malleable than the bullets obtained from Lehigh or CEB. It has become difficult to get a shear effect on the barnes X allowing them to become more of a conventional bullet, than a noncon. An excellent bullet, that I have used in the field with great success, no doubt. Penetration of a Barnes X will be less than a brass Noncon that shears. Copper CEB and Lehigh needs velocity to shear, unless the cavity is shallow like the .474s and .500s I had done with CEB, cavity depth of .350. When I was shooting buffalo in Australia I was using a 470 gr copper HP from Lehigh at muzzle velocity of 2425 fps. On most all shots taken under 50 yds I got a shear of the blades. This is around a .500 deep cavity, 6 blades. Shear is different on these, as the blades remain within the wound channel or close. Totally devastating, and you can readily see trauma inflicted at the shot. My shooting partner allowed some animals to get some further away than 50 yds, some bullets were recovered, and it was simply a 6 bladed conventional at that point, no shear as velocity at impact had dropped off. He was also shooting this bullet in his 50 B&M at a reduced velocity of 2200 fps, and impacts at 2100 or less and rarely getting any shear effect. While not as much trauma inflicted, buffalo were still hit hard with this, penetration more than adequate. But when that shear effect occurred, there was a very noticeable difference in impact trauma. ????

Shear away from center or shear remaining in wound cavity? Both appear to have a devastating effect. One thing I am going to look at, in particular on thin skinned game, is the effect of this .800 deep cavity I had done on some of the .500 caliber bullets, remember the "Lion Bullet" that I called it? Shear effect uneven, large chunks and slivers of brass remaining close to wound channel, penetration still very good. As opposed to the 460 CEB .500 that shears away from center. I will be looking at this effect and it's trauma inflicted at impact. I still believe that this type bullet will inflict serious trauma at impact, and turn thin skinned critters inside out! We will see how it reacts with wildebeast and zebra first. Large thin skinned, tough critters.

We have much to do, and we will be getting some really excellent reports in, even before I leave on my missions. I think Mike is getting close to leaving in a couple of weeks, when he returns I think we will get some excellent reports on how the bullets worked for him. My hunting partner is leaving end of this month for Namibia, he is busting 12 or so thin skinned game, using nothing but the 325 CEB BBW #13 Brass NonCon in his 416 B&M. Now if he can hit anything other than gut shots and ass shots, I have instructed him on what to look for, and to look at animal reactions as well. I figure on about 1/3 of his animals we might get a report on, the rest will be missed, shot in the guts, or in the ass! But if we get lucky, maybe 3-4 animals he might hit proper. ?????

I can't recall who else might be headed to the field early right now. But hopefully everyone that goes to the field with any of the bullets we are working with, or ones we are not working with, please please please, report it here, that's what this is for and the reason for this threads very existence. Don't be shy, this is not a place for arguing or internet BS, this is the real deal! You won't be shunned here! Too many really super guys following this, even a few that don't always agree with me, and that is welcome, this is how we learn! I know that MANY of you lurk and look, and NEVER post. That is ok, but if you have something to share, terminal performance, please do so.

http://www.b-mriflesandcartridges.com/default.html

The New Word is "Non-Conventional", add "Conventional" to the Endangered Species List! Live Outside The Box of "Conventional Wisdom"

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Posts: 8426 | Location: South Carolina | Registered: 23 June 2008

-22



posted 16 April 2011 16:18

RIP

Wow, well since I can shoot, might as well type! B&M in a can 😊 , yeah I have been getting a kick so to speak out of that myself!

No, I am going to stick to Doc RIp And Doc CCMDOc orders! Or close anyway. Outside stitches gone, sorta "Frankenstein" looking sort of chap I am! Yes, you are correct as usual, there are resorbable sutures underneath, I asked! So I am going to take it slow, and easy, although it is about to drive me insane, as I have so much to get accomplished. It is in a position that shooting will put stress on it. I can feel it just holding and pulling a rifle in tight. I did not really expect this before hand, hell I figured I would be back up and running normal in a few days! Oh well........... But thanks, and I will adhere to the excellent advice from both you guys. Even if I don't like it--

Yes, sometimes, (actually often) I tend to let things slip, I recall something about the North Forks now that you mention it, and yes, you are 100% spot on with that assessment.

As soon as I can take delivery of the new 450 North Forks I have to get some to Layne Simpson, and I will get some to you as well!

.500 is not a bad place to be these days for big bore rifles. Easy, between North Fork and CEB, Lehigh, and some normal conventionals run at lower velocity, there are LOT"S of bullets to work with in a big bore rifle, and one can do anything on the planet with them! Not too bad!

Michael

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Posts: 8426 | Location: South Carolina | Registered: 23 June 2008

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Originally posted by RIP:

Doc M,

Burnham & Morrill ©

Don't open that can of B&M whoop-ass too soon!

Don't forget you have some resorbable sutures buried underneath, I guess, some may have tied off bleeders, others may be holding fascial planes or muscles together. Electrocautery may have stopped some bleeding.

All that needs time to heal and resorb.

Stir it up too soon and it could get ugly, even if you think you are back to pretty on the outside.

Do not go all out for 6 weeks. Maybe you can start some light stuff with sissy bags after two weeks but only if it is painless and feels "right."

Go slow and feel it out.

Just taking a look here - dealing with my own friggin BS unexpected life curveball that changes everything...

BUT

I think you and I need to visit Michael458 and a) duct tape him to a chair; b) suture his eyelids to his eyebrows so he can not close them; c) find a VHS player at the Salvation Army and d) play Barney (purple dinosaur) on continuous loop

he agrees to follow the doctor's orders

You just JB Welded your favorite barelled action in your favorite BM cartridge to your favorite stick of wood. Each piece is unique - irreplaceable. You can get new version but never come close to everything you wanted as these pieces do.

You know that you should wait until the JB has fully cured BUT you get itchy and say "it's good enough"

Not only does it not hold with the first shot but it damages every piece so that fixing it will never make it whole and never be remotely satisfactory. If only you had waited until it cured ...

I see this regularly - re-injury is far worse and far harder to repair/heal/recover.

Be patient!

NRA Lifer; DSC Lifer; SCI member; DRSS; AR member since November 9 2003 STILL waiting for my Taksdale double or a refund

Don't Save the best for last, the smile for later or the "Thanks" for tomorow

Posts: 3448 | Location: In the Shadow of Griffin&Howe | Registered: 24 November 2007

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posted 16 April 2011 18:05

Hey Doc

Seems we get these "unexpected Curveballs" around here too! Makes hell on plans already in place!

Well, don't worry about bringing duct tape! I have about 50 rolls of that heavy duty black duct tape! Two cases of it! That ought to do awhile! I thought torture was banned however? Barney? Anything but that please--I submit!

I have been following doctors orders! I only threaten once and awhile!

Excellent analogy! Point taken!

Patient? Working on it! Trying. But I do understand and will continue to do the best I can! And yes both of you are 100% spot on

Still don't like it very much however!

But, as for my rifles and being ready to leave June 3 for RSA and Zim, I am ahead of the curve. Have several bullets ready to go, want to test a few more POIs and add some bullets. Fine tune things, which won't take long and I am set to jet.

I will for sure WAIT on the 600 OK test work until a full 4-6 weeks, more likely 6. In the meantime I can get some loads ready, lay out a proper test schedule, and get this work done before I leave and get the rifle and other things back to you before I depart.

After another week of off time, I will see how we look for some low velocity, easy recoil, light bullets, the new 458 Noncons from CEB. Trying for around 1500-1600 fps shear on those. So I think with all precautions that will be ok. After 1 shot I will know, and if not good, will stop. But that should be pretty easy I think. No heavy stuff! Use a bag of shot or something else to absorb it. But we see what we see and I won't push it. Last thing I need is to do something stupid, mess with shooting my buffalo in June! So I won't do that. Does piss me off, such a simple little thing putting us out of shooting business! Anyway.......

We will "Endeavor to Persevere"---Wonderful Line!

Thanks too! Both of you fine Docs!

Michael

http://www.b-mriflesandcartridges.com/default.html

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Posts: 8426 | Location: South Carolina | Registered: 23 June 2008



Cross L One of Us



posted 16 April 2011 20:22

Hide Pos

Michael

I am suppose to have new bullets coming in next week. 335 gr GCLFN. I am going to try Trailboss powder and am hoping for 1300-1400 fps. Light load for driving around the ranch but will still kill a deer or coyote

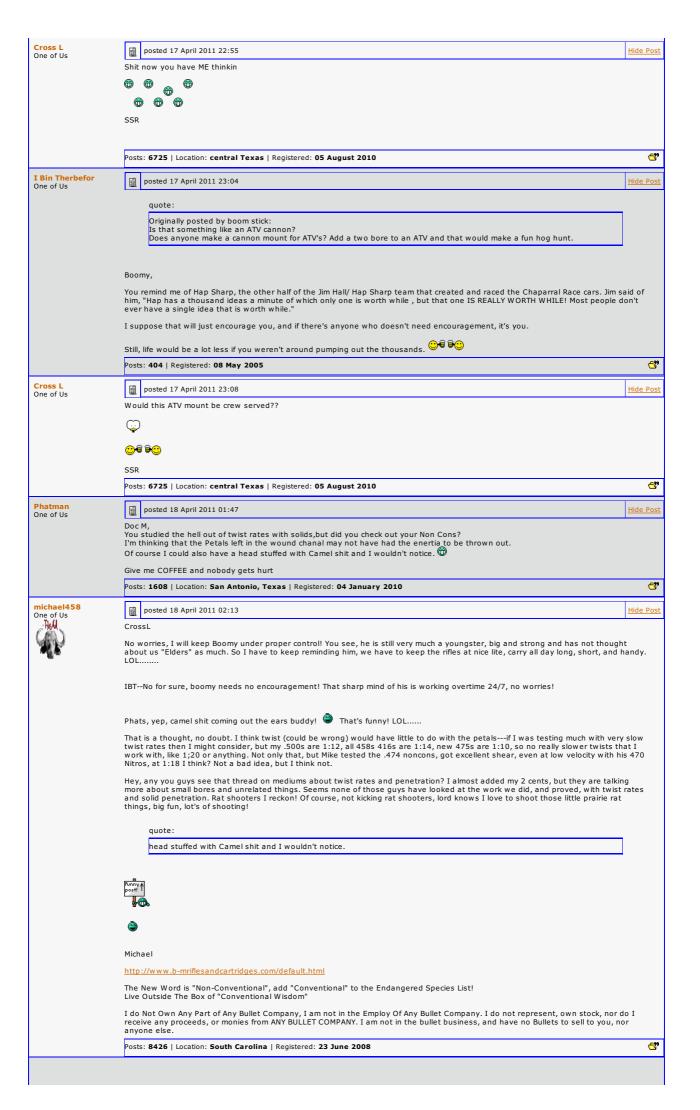
HEHEHE if I knew some one that needed to shoot something light I might get them to chronograph some.

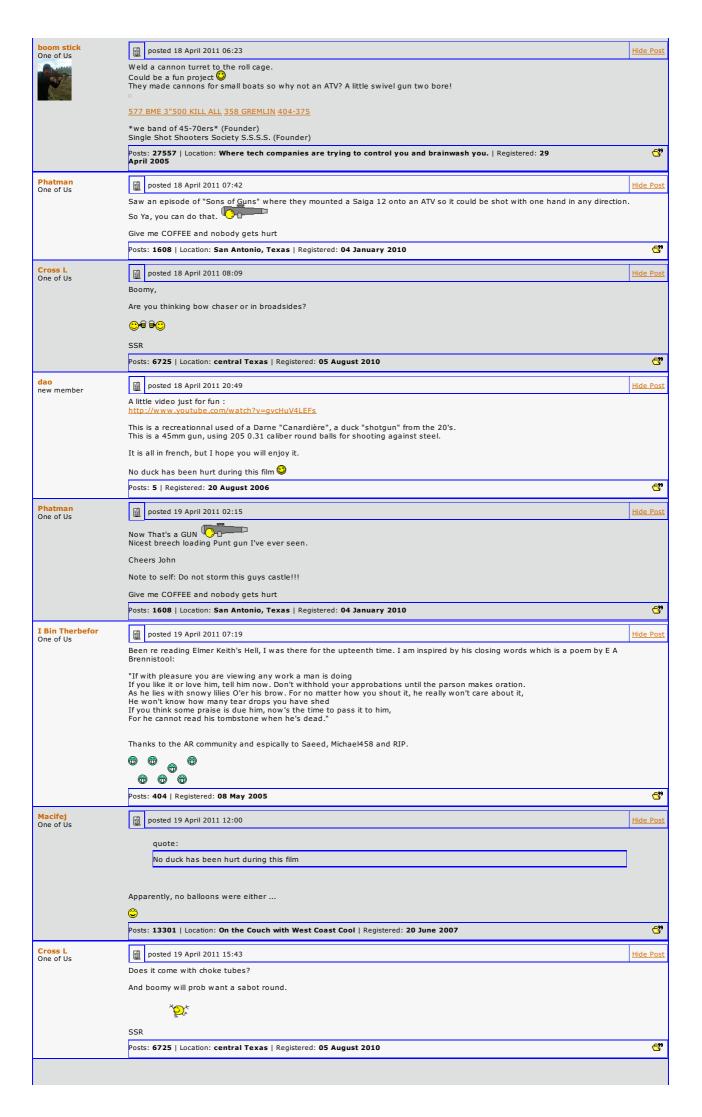
TAKE CARE AND LISTEN TO THE DOCS I have been laid up before also and like they say-reinjuries nare worse than the first goround.

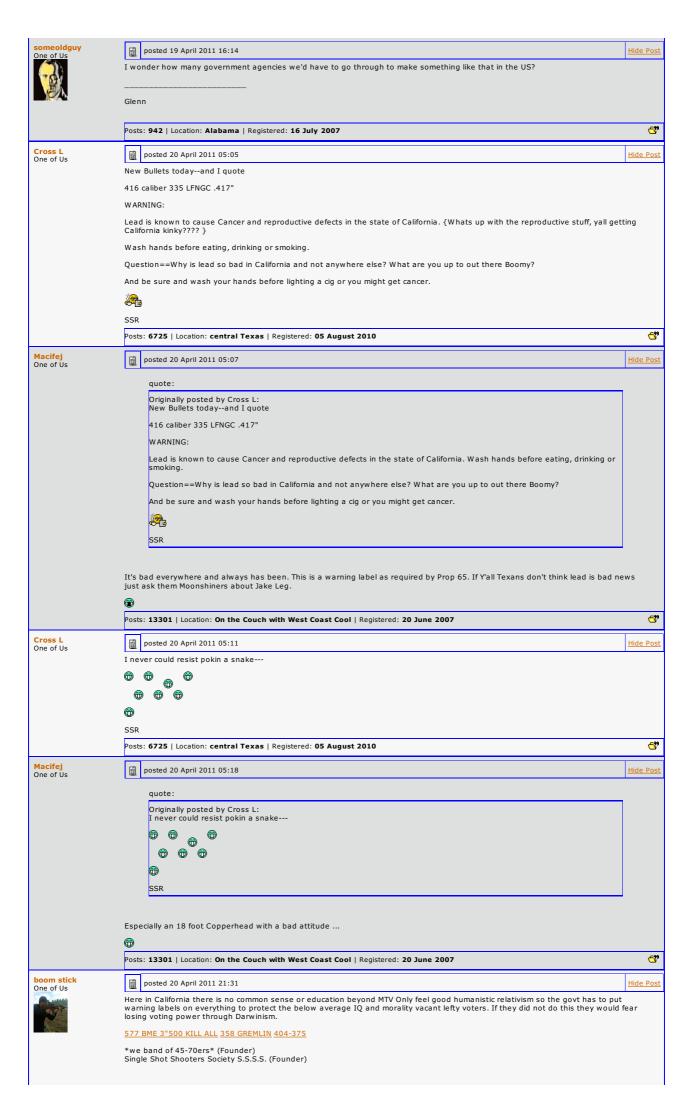
Posts: 6725 | Location: central Texas | Registered: 05 August 2010

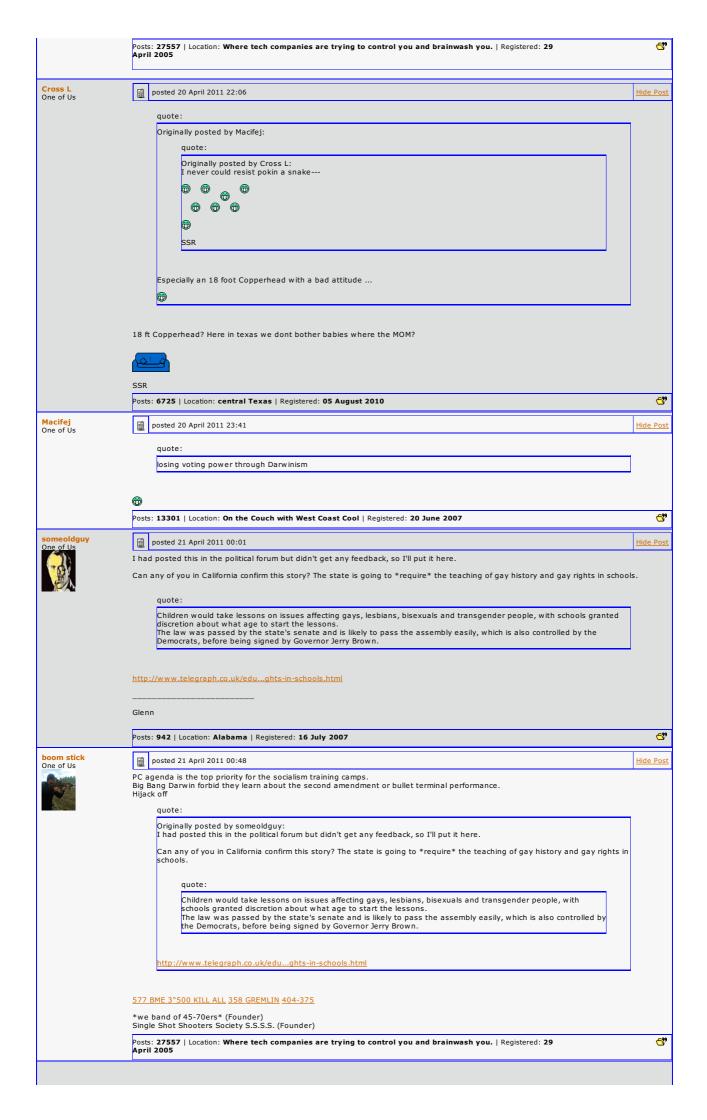
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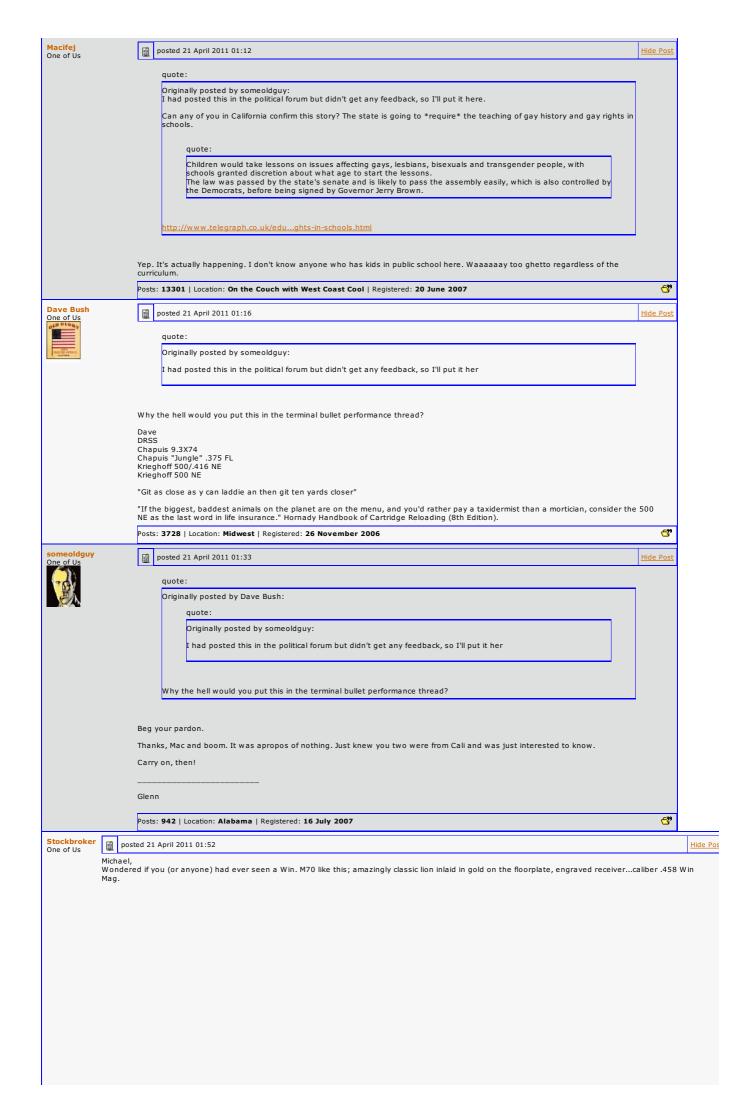


























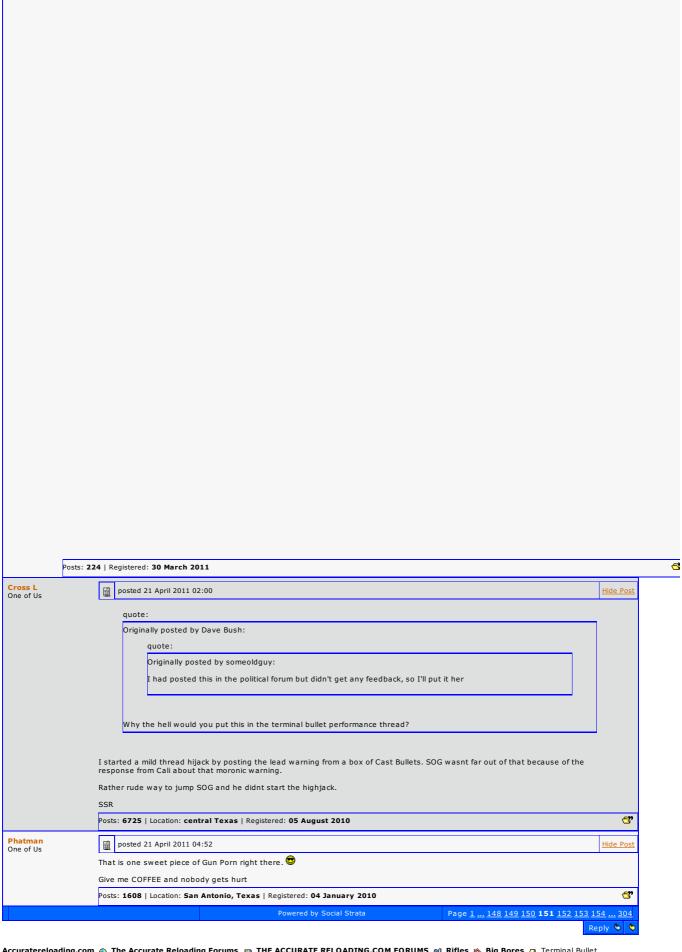






Oh, and the stock is kinda pretty too...

SB



 Statistics for the last 30 days

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 24

 Page Views
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 Visits
 504208

 Newest Member
 RedRaider4400

